

Attorney Docket No. LVIP:112US  
U.S. Patent Application No. 10/709,871  
Reply to Office Action of April 9, 2007  
Date: July 9, 2007

### Current Status of the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended) A ~~cutting apparatus~~[,] in particular a microtome or an ultramicrotome for cutting a specimen into a plurality of thin slices comprising: an observation device for observing the cut specimen surface and/or the thin slices, a pivoting device for pivoting the observation device and a positioning device provided with the pivoting device for positioning of the pivoting device at a defined angle, wherein said pivoting device is enclosed within a curved rigid guide and mounted on the body of said observation device.

Claim 2 (currently amended) The ~~cutting apparatus~~ microtome or ultramicrotome as defined in Claim 1, wherein the positioning device comprises a detent element that makes possible positioning of the pivoting device in defined detent positions that correspond to a plurality of defined angles ( $\alpha$ ) wherein the detent element is arranged on the curved rigid guide enclosing the pivoting device.

Claim 3 (currently amended) The ~~cutting apparatus~~ microtome or ultramicrotome as defined in Claim 2, wherein the detent element is embodied in such a way that a positioning of the pivoting device between the detent positions is also possible.

Claim 4 (currently amended) The ~~cutting apparatus~~ microtome or ultramicrotome as defined in Claim 2, wherein one or more detent grooves are provided on a pivot element of the pivoting device.

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Claim 5 (currently amended) The ~~cutting apparatus~~ microtome or ultramicrotome as defined in Claim 2, further comprising a rotary knob, said rotary knob including a shaft, wherein the detent element is mounted on the shaft.

Claim 6 (currently amended) The ~~cutting apparatus~~ microtome or ultramicrotome as defined in Claim 1, wherein the positioning device comprises a position marking.

Claim 7 (cancelled)

Claim 8 (currently amended) A microtome or an ultramicrotome for cutting a specimen into a plurality of thin slices comprising: a stereomicroscope, for observing the cut specimen surface and/or the thin slices, a pivoting device for pivoting the stereomicroscope, a positioning device provided with the pivoting device for positioning of the pivoting device at a defined angle and a detent element that makes possible positioning of the pivoting device in defined detent positions that correspond to a plurality of defined angles ( $\alpha$ ) wherein the detent element is arranged on a curved rigid guide enclosing the pivoting device and mounted on the body of said stereomicroscope.

Claim 9 (currently amended) A method for presetting a ~~cutting device~~, in particular a microtome or an ultramicrotome for cutting a specimen into a plurality of thin slices, comprising the steps of:

- providing an observation device for observing the cut specimen surface and/or the thin slices;
- pivoting the observation device with a pivoting device, wherein said pivoting device is enclosed within a curved rigid guide and mounted on the body of said observation device; and,

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- providing a positioning device with the pivoting device wherein the pivoting of the observation device is accomplished to an angle defined by detents on the positioning device.

Claim 10 (original) The method as defined in Claim 9, wherein the pivoting is accomplished to defined detent positions that are provided on the positioning device.

Claim 11 (original) The method as defined in Claim 9, wherein the pivoting is accomplished to a defined position marking, and the position marking being provided on the positioning device.

Claim 12 (cancelled)

Claim 13 (currently amended) ~~A cutting apparatus, in particular a microtome or an ultramicrotome for cutting a specimen into a plurality of thin slices comprising: an observation device for observing the cut specimen surface and/or the thin slices, a pivoting device for pivoting the observation device and a positioning device provided with the pivoting device for positioning of the observation device, wherein the positioning device has a curved movable segment that rides within a curved rigid guide with a detent element, wherein the detent interacts with the movable segment to move the observation device to defined angular positions, and wherein said pivoting device is mounted on the body of said observation device.~~